CHIAYO

STAGE PRO
STAGE MAN

Professional Wireless Portable Mixer Amplifier

Operation manual

ISO 9001:2008

GREEN PRODUCT

Congratulations and thank you for purchasing this all-in-one portable sound system. To ensure a trouble-free operation, please read the manual thoroughly to fully understand its controls and functions.

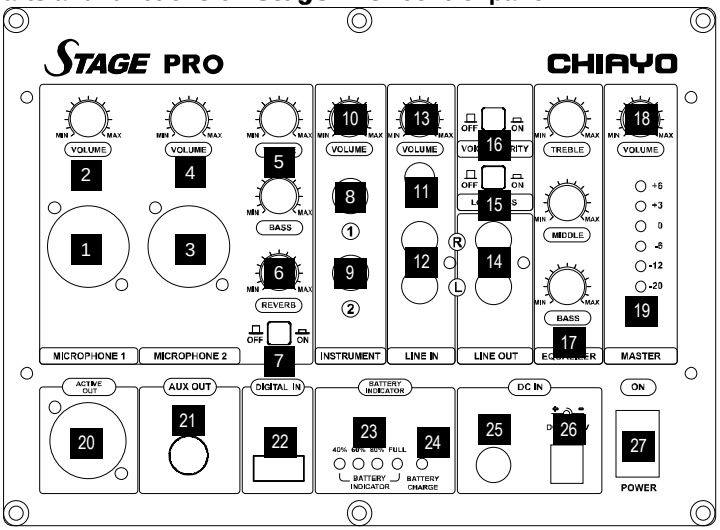
All the above versions can be installed with up to 4 receiver modules, among which one can be transmitter module or MP3 module.
The wireless receiver/transmitter module is UHF band and plus PLL synthesized type with 16 or 100 preset frequencies.

Configuration
StagePRO/StageMAN/StageSLAVE may come equipped with the following:
1. AC power cord.
2. 1~4 or no wireless receiver/transmitter/MP3 module(s).
3. 1~4 transmitters, either handheld or bodypack transmitter (except version with no module installed).

Optional accessories
1. Weather proof dust cover.
2. Tripod stand
3. Companion powered speaker (Slave speaker)
4. Wired microphone.

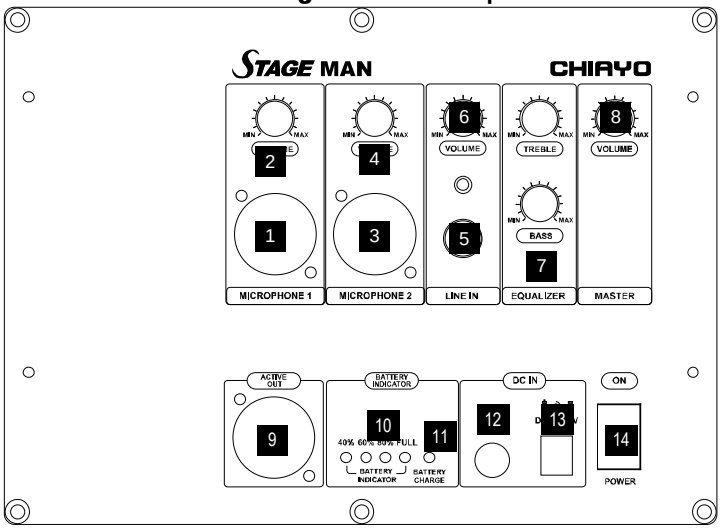
Remark
Manufacturer reserves the rights to change the above combinations without prior notice.

Parts and functions on *StagePRO* control panel



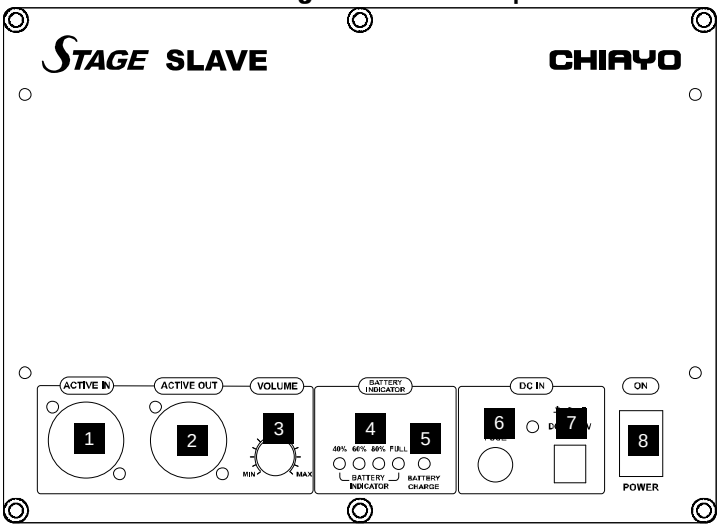
1. Mic in #1
2. Mic #1 volume control
3. Mic in #2
4. Mic #2 volume control
5. Mic tone control (Treble/Bass)
6. Reverb volume control
7. Reverb on/off
8. Instrument in #1
9. Instrument in #2
10. Instrument volume control
11. Line in (3.5mm)
12. Line in (RCA R/L)
13. Line in volume control
14. Line out (RCA R/L)
15. Loudness on/off
16. Voice priority on/off
17. Music tone control (Treble, Middle, Bass)
18. Master volume control
19. Master Limiter indicator
20. Audio link out
21. Aux out/Monitor
22. Digital in (USB 2.0)
23. Battery indicator
24. Charging indicator
25. Fuse
26. DC in (30-32V/4A)
27. Power on/off

Parts and functions on *StageMAN* control panel



1. Mic in #1
2. Mic #1 volume control
3. Mic in #2
4. Mic #2 volume control
5. Line in (6.3mm)
6. Line in volume control
7. Master tone control (Treble, Bass)
8. Master volume control
9. Audio link out
10. Battery indicator
11. Charging indicator
12. Fuse
13. DC in (30-32V/4A)
14. Power on/off

Parts and functions on *StageSLAVE* control panel



1. Audio link in
2. Audio link out
3. Volume control
4. Battery indicator
5. Charging indicator
6. Fuse
7. DC in (30-32V/4A)
8. Power on/off

Starting to operate StagePRO/StageMAN/StageSLAVE
First of all, please charge for at least 4~6 hours because the built-in rechargeable battery might have been discharged naturally due to long shipment and storage time, even though it has been fully charged in the factory prior to the shipment.

To operate this portable sound unit, please switch on the main POWER switch. However, if the battery indicator stops at 40%, it means the battery is getting weak and instant recharging is necessary.

The main POWER switch does NOT switch on the other devices since each of them has individual Power/Volume control. To operate those, you have to switch them on accordingly.

Operating the wired microphone
To use a cable microphone, simply plug it into any MIC IN socket. The sockets accept both XLR and 6.3mm jack. There are individual volume, tone and reverb controls for both microphones' adjusting.

Playing the instruments
There are 2 inputs for connection with your instrument such as guitar. Above them is the volume control specifically for their adjusting.

Music audio inputs
To receive different audio signals from unbalanced sources with different connectors, the unit is equipped with one 3.5mm and one RCA R/L jacks. This Line-in area has its individual volume and tone control (Bass/Middle/Treble), too.

Digital in
The Digital-in is for audio connection with the PC/Notebook. Just use a USB cable to connect the unit and your PC/Notebook to make *StagePRO/StageMAN* the speaker of your device. Its volume is controlled by the master adjusting knob.

Operating Voice Priority
Voice Priority operation is only necessary when CD/USB/MP3 is playing.
When the Voice Priority switch is ON, the ducking function will be activated. While the music is playing, a voice input from either a Wired or Wireless Microphone will temporarily override and lower the volume of the background music and voice could be heard more clearly.

Background music will return to its original setting when no audio input is entering the microphone for a certain time. However, if the microphone is not switch off, the reentering of music into the microphone will also activate the voice priority function.

Operating Loudness
When the amplifier's sound is at low level, the tone might not be clear enough to be heard and activating the Loudness function can raise the tone level to make it clearer.

Limiter Function
There's an interior anti-overload circuit to protect the amplifier from being damaged due to over volume output, this design will automatically lower the output when it goes over the limit.

Various audio outputs

Active out: The *StagePRO/StageMAN* could be operated as the MASTER unit in an audio link system. In order to operate Audio Link, you must have a *StagePRO/StageMAN* as the only MASTER.The Master is capable of connecting with up to about 20 active speakers (*StageSLAVE*).

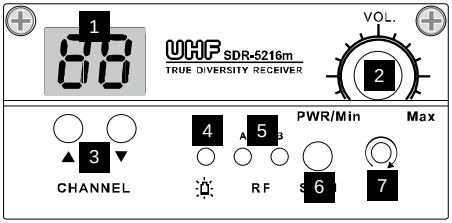
To install the linking, please connect the output jack the Active-in of the 1st StageSLAVE. Its Output jack should be connected to the Active-in of the 2nd one and so forth.

Aux out: This 6.3mm jack is used as audio output connection to another active amplifier.

Recharging the battery
StagePRO/StageMAN/StageSLAVE uses either two lead-acid batteries or one lithium battery. The battery power is leveled from 40%, 60%, 80% and FULL. If the LED stays at 40%, the battery might not be sustainable for long operation. During recharging the indicator LED will flash RED until the battery power is full, at which the LED stays GREEN. However, if there is no battery inside or the battery has problem, the charging LED will stays YELLOW.

Operating the wireless microphone
To operate the wireless system, please switch on the power/volume control on the module panel and the matching transmitter. Then set the channel on both the transmitter and receiver module to the same before operation. Please as well make sure that master volume control is set to minimum level before turning on the amplifier, especially working on a wireless version! Position the Master volume to the middle. Then adjust the receiver volume to a desired level and the operation is ready.

SDR-5200m/SDR-5216m/SDR-5116m receiver modules



1. Channel Indicator
2. Power switch/volume control
3. Channel Selector
4. Transmitter battery weak indicator
5. Diversity A/B Indicator
6. SCAN
7. Squelch control

First turn on the Power of the main unit. Then turn on the individual power of the receiver module. Select a desired channel by pressing the ▲ or ▼ button and the corresponding channel on the Transmitter.

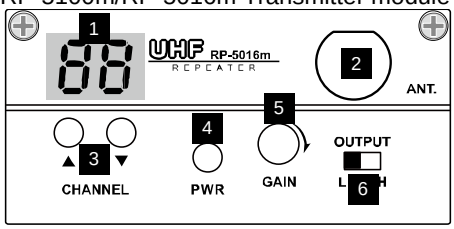
When transmitter is turned on, either A or B diversity indicator will flash to indicate that signal has been received. Turning the volume control in clockwise direction can increase the audio output.

Once the power volume on the transmitter is too low, the LED indicator (4) on this panel grow will grow to remind.

Frequency scanning
It is the automatic scan function key. To perform the scan function, the transmitter must be switched off. Once the key is being pressed, the unit will do an auto scan and the next clean channel will be displayed. Change the transmitter channel setting to this setting for an interference- free operation.

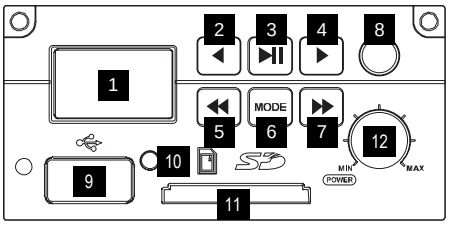
Squelch(SQ) setting
When a channel is in use and undesired interference signal is received, turn the SQ in clockwise direction to make the receiver less sensitive and thus less susceptible to interference. If this still does not solve the problem, it means this frequency is not applicable at current position. Please switch over to the next channel.

RP-5100m/RP-5016m Transmitter module



1. Channel indicator
2. Antenna socket(TNC type)
3. Channel selectors: Press ▲(up)▼(down) to increase/decrease channel number. Please select a non-interfering frequency channel to those used in the receiver modules.
4. Power on/off
5. Audio sensitivity: Clockwise to increase its sensitivity level and anticlockwise to reduce.
6. Output power switch. L for LOW output power and H for high output power. LOW output power will reduce the RF transmission distance and HIGH output power will extend the possible RF transmission distance. However, if RP-6016m is installed in portable amplifiers, HIGH output power will reduce more operation time than LOW output power since it requires more power for longer RF transmission.

DP-500M MP3 module



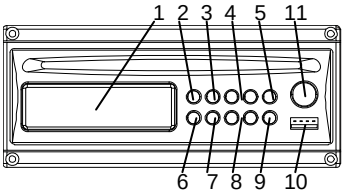
1. LCD display
2. Short press to return to previous track, long press to fast reverse.
3. Short press to play/pause, long press to switch USB/SD.
4. Short press to go to next track, long press to fast forward.
5. Press to return to previous folder.
6. Short press to change play modes(POP ROCK JAZZ CLASSIC COUNTRY NORMAL), long press to switch repeat modes(ALL-repeat all, RANDOM-repeat random, SINGLE-repeat single track, FLDER-repeat single folder)
7. Press to go to next folder.

To use the USB/SD digital player, simply plug your USB/SD card into the port after the player is turned on. To prevent any possible damage to the USB/SD card, always detach it after the player has been shut off.
This player can read MP3 files only. Other formats such as WMA and WAV aren't supported . The USB and SD card must be FAT/FAT32 formatted.

Operating functions on the panel and the remote:

Operating function	On the panel	On the remote
Play/pause	short press ⏯	
Skip forward	short press ▶	short press ⏭
Fast forward	long press ▶	long press ⏭
Skip backward	short press ◀	short press ⏮
Fast backward	long press ◀	long press ⏮
Track selec t(#0-9 buttons)		input track number, then press ⏯
USB/SD switch	long press ⏯	
Repeat mode switch (ALL/RANDOM/SINGLE/FLDER)	long press **MODE**	
		short press **MODE**
EQ mode switch (POP/ROCK/JAZZ/CLASSIC/COUNTRY/NORMAL)	short press **MODE**	
		short press **EQ**

Operating the CD player
Parts and functions



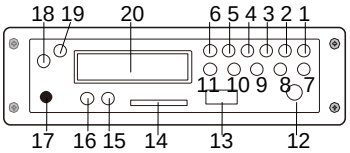
1. LCD display
2. Play/pause
3. Stop
4. Skip
5. Eject
6. CD selector
7. USB selector
8. Folder skip
9. IR led
10. USB input
11. Power/volume control

Keys	Functions
PLAY/PAUSE	When this key is pushed during CD stop, play will start after track search. When this key is pushed during CD is playing, it will be changed to pause. When this key is pushed during CD is pausing, it will be changed to play.
STOP	When CD is not stop, if this key is pushed then CD will stop.
CD	When press this key will change to cd-mp3 mode.
USB	When press this key will changed to USB mode.
SKIP+UP/CUE	In stop mode: Change the starting play track (file) during stop mode, cyclic to the first track, if it is in the last track. In program entry mode: Change to the next track(file) for program select . In play mode, pause mode, program play mode, random play mode: Single pressed, skip the playing track (file) to next track (file) for normal play/pause mode, to next program index track(file) for program play/pause mode, to next random track(file) for random play /pause mode. Continue pressed, fast forward during play/pause when pressed more than 0.7sec.
SKIP-DONW/REV	In stop mode: Change the starting play track (file) during stop mode, cyclic to the last track, if it is in the first track. In program Entry mode: Change to the previous track (file) for program select. In play mode, pause mode, program play mode: Single pressed, skip the playing track (file) to precious track (file) for normal play/pause mode, to previous program index track (file) for program play/pause mode. Continue pressed, fast reverse during play/pause when pressed more than 0.7sec.
FOLDER-UP	In stop mode: Skip the starting play folder to next folder during stop mode, cyclic to the first folder if it is in the last folder. In program entry mode: Change the file for program select to next folder's first file, cyclic to the first folder if it is in the last folder. In normal play mode:

	Skip the playing file to the next folder's first file.
FOLDER-DOWN	In stop mode: Skip the starting play folder to previous folder during stop mode, cyclic to the last folder if it is in the first folder. In program entry mode: Change the file for program select to previous folder's first file, cyclic to the last folder if it is in the first folder. In normal play mode: Skip the playing file to the previous folder's first file.
PLAY MODE	In mp3 mode and in USB mode . If this key is pushed, PLAY mode is changed cyclically shown below. PLAY ALL RANDOM→REPEAT TRACK→REPEAT FOLDER→REPEAT ALL→RANDOM REPEAT→PLAY ALL IN CD mode If this key is pushed, PLAY mode is changed cyclically shown below. PLAY ALL RANDOM→REPEAT TRACK→REPEAT ALL→RANDOM REPEAT→PLAY ALL.
EJECT	When this key is pushed, door is moved out.
PROG	Set to programming mode. When programming mode, "stop" key is pushed then program is all cleared.
MUTE	When this key is pushed during CD is playing, the set will mute the output. Pushing again can recovery the output.
POWER	Power SW of the set.
ESP	In CDDA mode, Press "ESP" key, The ESP display lighted and the set is in electronic anti-shock state. The electronic anti-shock time is about 40 seconds. Press "ESP" key again, cancel the ESP function.
FIND	In MP3 mode: Press this key once FILE search mode changed. Press this key twice ALBUM search mode changed. Long press this key to display the track. Press twice to display ID3 TAG.
0~10	You can use these keys to select the track you want directly.
VOL.-	When this key is pushed, the volume will decrease by 1dB per step, the min. volume is 0dB.
VOL.+	When this key is pushed, the volume will increase by 1dB per step, the max. volume is 30dB.

Caution: This player does not accept 8-cm diameter CD. User is advised to have the USB 2.0 formatted in "FAT" or "FAT 32". The built-in USB 2.0 player can not be able to read the MP3 files stored in your USB if it is not formatted by either "FAT" or "FAT-32". To avoid damage to the USB, remember to detach it only after switching off the player.

Operating the Digital recorder player
Parts and functions



1. Play/Pause
2. Stop
3. SD/USB selector
4. Track number button "1"
5. Track number button "10"
6. Track number button "100"
7. A→B play section
8. Program/Repeat
9. Forward
10. Reverse
11. Folder selector
12. Volume control
13. USB 2.0 input
14. SD card input
15. Copy
16. Record
17. Infrared detector
18. Power on/off
19. Delete
20. LCD display

Features
- Recording through the Line-in recording directly to a USB or SD Card
- Offer USB and SD Card function of each replication.
- Recording format is most popular MP3 audio format.
- Accept the capacity of 128MB to 16G USB/SD Card/SDHC
- With a language learning function, can be broadcast repeatedly at designated areas
- Adjustable recording quality, provide choice of 44.1 KHz, 128 Kbps and 192Kbps.
- Able to store up to 99 folders, or 999 tracks in SD Card or USB

Easy to use
- Play through the LINE IN audio recording files into the directory folder simply select "REC"
- Play copied USB or SD Card copy files into the directory folder simply select "CPY"
- Direct delete function when plan single song
- Can copy single, multiple songs or whole folder

Operation and function of the use of panel description

POWER: Switching power on/off.
VOLUME: Volume control button, turning to adjust the volume
USB socket: To insert a USB storage device
SD CARD socket: To insert a SD CARD
100/10/1: The number buttons to select directory, or track.
- Button 1, indicating the single digit 1 to 9, press once to increase every 1 single digit.
- Button 10, indicating the 10-digit, press once to increase every 10-digit. If total tracks are 88, the LCD display will only show to “8”. Keep pressing will back to “0”.
- Button 100, indicating the 100-digit, press once to increase every 100-digits. If the total tracks below the 100, the button has no effect.
FOLDER: Folder selection key and adjust the recording quality
-Select folder

Press FOLDER button, LCD screen display F, then REW or F. FWD button with the numbers 0 to 9 button to select the directory . Double-click the Cancel catalog select, LCD screen, "F" disappears
-Recording quality adjustment: Press FOLDER button more than 3 seconds can choose the recording quality. Press REW or F. FWD key to select 44.1 KHz,128Kbps or 192Kbps

Recording

■REC: Recording function key, need to use this key to record through the Line-in channel
When USB and SD Card are both in the device
- Press the REC button. LCD display flashing to indicate will be recorded to USB or SD.
- Use USB/SD button to select the option to record to USB or SD card.
- Press REC to start to recording, LCD starts to flashing indicated that they are recording
- Press STOP button to stop recording.

When only single USB or SD Card in the device
- Press REC to begin recording, LCD starts to flash and indicating that they are recording, press STOP button to stop recording.

Sound recording through the REC function keys are saved in the directory folder REC
-To Play REC track in folder: press FOLDER button, LCD display F. Use REV or F. WD button to select the directory REC, press PLAY/II to start playing.
-The track number in the REC Folder will start from " REC 001 ", and increase gradually. Therefore if want to check the recording file after finish record, the song will be recorded at the last track in the REC folder.

COPY: Copy function key. It has to operate copy function in STOP status when use this key for USB Copy to SD or SD Copy to USB.
Press STOP key, the device should be at stop mode
Insert USB and SD Card, use USB/SD button to select the device you want to copy the source of any of the following options
Copy single: Press REV , F. WD button or Numerals key to select tracks. Press COPY button to start copying
Copy the multi-tracks or multi-directories:
- Select the tracks and store the tracks in the Memory Program first(for PROG feature instruction, please refer to PROG)
- Press COPY button to copy the tracks stored in the Program, if the copy to SD, LCD display will flash SD and indicates that it is recording to the SD card.

Copy the whole directory:
- Press FOLDER button, LCD display F, use REV button & F. WD to select the directory you want to copy
- Press COPY key to start to copy the selected directory. If copy to SD, LCD display will flash SD and indicates that it is recording to the SD card.
- The tracked recorded through COPY function are stored in the folder "CPY"
- To play folder "CPY" of the tracks, press FOLDER button, LCD display F. Press REV keys F. WD button to select the directory CPY, press PLAY/II to start playing
- The time required to copy according to the file size and track the numbers

-Copy function is copying without folder. For example, if wants to copy each 5 tracks in 3 folders (total 15 tracks) and there will be storage to CPY001 ~ CPY015 at the CPY folder after copying. If copy a new song after it, it will be storage at CPY016.

A↔ B: Section Repeat Play
Press once to start playing the beginning of memory.
Press again to stop at the end of memory area. The device repeats to play memory area.
Press it again to stop playing.

USB/SD Playing

■PLAY/⏯: Play and pause, press to play, play again to pause.

■STOP: Press to stop playing

■USB/SD: Select to use US or SD CARD

■REPEAT /PROG: Press to select Repeat or Program memory function

Repeat function : Need to operate in the playing mode
- Press once, LCD screen displays "REP", will repeatedly playback currently playing track.
- Press twice, LCD screen displays "REP F", will repeat the entire directory is currently being played
- Press 3rd times, LCD screen displays "REP ALL", will be repeated play all tracks.
- Press 4th times, cancel repeat playback function. The words on LCD screen will be eliminated.

Memory function: Need to operate in the stop-play mode, can be memories up to 99 songs
- Single or multi-tracks memory:
Press the STOP button to stop playback.
Press PROG/REPEAT button, LCD screen displays PROGRAM. Select desired songs by using FOLDER button and number keys 0 to 9 and REV key or F. WD key.
Press PROG/REPEAT button to store 1st song, LCD display shows “00 01” for the 1st song.
Press << PROG/REPEAT >> again for storing 2nd song; LCD display shows “00 02”. Start over above process for storing more songs. Press PLAY/II memory to play the tracks stored in the Program.

-Whole folder memory:
Press the STOP function keys to stop playback
Press PROG/REPEAT button, LCD screen display shows PROG, press the FOLDER button with the number of combination of keys or REV keys F. WD button to select the folder
Press PROG to store selected folder. To store more folders, repeat above steps.
Press PLAY/II button to start play memorized folders.
To memorize multi-folders or multiple tracks, repeat above steps
LCD will display shows FULL when stored 99 songs
To cancel program feature, keep pressing PROG button until LCD display PROG disappeared

■REV ⏮: Backwards. Press to backward to last track. Press for 3 seconds to fast reverse the track

■F. WD ⏭: Fast forward. Press to forward to next track. Press for 3 seconds to fast forward the track

■IR sensor: Infrared remote control eye.

■DEL: Delete single/folder/all of the files.

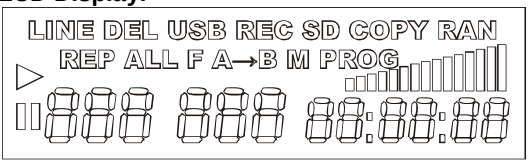
Delete current playing track, can be operated under “Stop” mode or during “Playing” mode Press DEL button, LCD displays flash DEL FILE, reminding you to delete the file, and then press DEL to confirm the deletion, LCD display shows DEL END.

Delete a folder: To delete the specified folder, press FOLDER button to select the folder you want to delete, click the DEL, LCD display flashes DEL FOLDER , reminding whether you want to delete the folder, and then press DEL again to confirm the deletion, LCD displays DEL END, the folder is removed

Delete all the files: In the stop-play mode operation

- Press the Stop button
- Long DEL key to more than 5 seconds
- LCD display shows "DEL ALL" to confirm whether you want to delete all the files
- Then press DEL key again to delete all the files
- To cancel delete function, just wait for LCD stops flashing and cancellation of delete function

LCD Display:



LINE: Line in audio source

DEL: When using delete function

▶: In playing mode

II: Pausing

REP: Repeatedly playing the single track

REP ALL: Repeat all tracks

REP F: Repeat specific folder

RAN: Playback in random order

PROG: When operate to program tracks.

M: Mute function

A→B: When repeat playing a specific section

USB: When use USB function

SD: When use SD card function

COPY: When operate copy function

REC: When operate recording function

: The volume display, total 15 sections.

888(1st): Under the MP3 mode, it will appear the folder numbers.

888 (2nd): Display the current playing track.

88:88:88:Display the time for the current playing track.

THE FUNCTIONS ON THE REMOTE CONTROLLER

The remote controller shall be appointed to the receiving hole of face plate. The optimal receiving distance is 3 meters. (the available distance is 3 meters.) The batteries (model CR2025 3V) shall be put into the remote controller.

■Numeral 0 ~ 9 : Select the track from numerals.

■USB/SD: Switching for USB or SD mode.

■REC: Recording function buttom, use for LINE IN recording.

When both USB and SD Card are both in the device

- Press the REC button. LCD display flashing to indicate will be recorded to USB or SD.
- Use USB/SD button to select the option to record to USB or SD card.
- Press REC to start to recording, LCD starts to flashing indicated that they are recording
- Press STOP button to stop recording.

When only single USB or SD Card in the device

- Press REC to begin recording, LCD starts to flash and indicating that they are recording, press STOP button to stop recording.

Sound recording through the REC function keys are saved in the directory folder REC

- To Play REC track in folder: press FOLDER button, LCD display F. Use REV or F. WD button to select the directory REC, press PLAY/II to start playing.
- The track number in the REC Folder will start from " REC 001 ", and increase gradually. Therefore if want to check the recording file after finish record, the song will be recorded at the last track in the REC folder.

COPY: Copy function key. It has to operate copy function in STOP status when use this key for USB Copy to SD or SD Copy to USB.

Press STOP key, the device should be at stop mode

Insert USB and SD Card, use USB/SD button to select the device you want to copy the source of any of the following options

Copy single: Press REV , F. WD button or 0 ~9 Numerals key to select tracks. Press COPY button to start copying

Copy the multi-tracks or multi-directories:

- Select the tracks and store the tracks in the Memory Program first(for PROG feature instruction, please refer to PROG)
- Press COPY button to copy the tracks stored in the Program, if the copy to SD, LCD display will flash SD and indicates that it is recording to the SD card.

Copy the whole directory:

- Press FOLDER button, LCD display F, use REV button & F. WD to select the directory you want to copy
- Press COPY key to start to copy the selected directory. If copy to SD, LCD display will flash SD and indicates that it is recording to the SD card.
- The tracked recorded through COPY function are stored in the folder "CPY"
- To Play folder "CPY" of the tracks, press FOLDER button, LCD display F. Press REV keys and F. WD button to select the directory CPY, press PLAY/II to start playing
- The time required to copy according to the file size and track the numbers
- Copy function is copying without folder. For example, if wants to copy each 5 tracks in 3 folders (total 15 tracks) and there will be storage to CPY001 ~ CPY015 at the CPY folder after copying. If copy a new song after it, it will be storage at CPY016.

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- Press once, LCD screen displays "REP", will repeatedly playback currently playing track.
- Press twice, LCD screen displays "REP F", will repeat the entire directory is currently being played
- Press 3rd times, LCD screen displays "REP ALL", will be repeated play all tracks.
- Press 4th times, cancel repeat playback function. The words on LCD screen will be eliminated.

■PROG Memory function: Need to operate in the stop-play mode, can be memories up to 99 songs
- Single or multi-tracks memory:

Press the STOP button to stop playback.
Press PROG/REPEAT button, LCD screen displays PROGRAM. Select desired songs by using FOLDER button and number keys 0 to 9 and REV key or F. WD key.
Press PROG/REPEAT button to store 1st song, LCD display shows “00 01” for the 1st song.
Press << PROG/REPEAT >> again for storing 2nd song; LCD display shows “00 02”. Start over above process for storing more songs. Press PLAY/II memory to play the tracks stored in the Program.

- Whole folder memory:

Press the STOP function keys to stop playback
Press PROG/REPEAT button, LCD screen display shows PROG, press the FOLDER button with the number of combination of keys or REV keys F. WD button to select the folder
Press PROG to store selected folder. To store more folders, repeat above steps.
Press PLAY/II button to start play memorized folders.
To memorize multi-folders or multiple tracks, repeat above steps
LCD will display shows FULL when stored 99 songs
To cancel program feature, keep pressing PROG button until LCD display PROG disappeared

STOP: Press to stop playing
⏮: Press to backward to previous track
⏭: Press to forward to next track
◀◀: Press to fast reverse the playback. Press again to cancel fast reversing
▶▶: Press to fast forward the playback. Press again to cancel the fast forwarding
DEL: Delete single/folder/all of the files.
Delete current playing track, can be operated under “Stop” mode or during “Playing” mode
Press DEL button, LCD displays flash DEL FILE, reminding you to delete the file, and then press DEL to confirm the deletion, LCD display shows DEL END.
Delete a folder: To delete the specified folder, press FOLDER button to select the folder you want to delete, click the DEL, LCD display flashes DEL FOLDER , reminding whether you want to delete the folder, and then press DEL again to confirm the deletion, LCD displays DEL END, the folder is removed
Delete all the files: In the stop-play mode operation
- Press the Stop button
- Long DEL key to more than 5 seconds
- LCD display shows "DEL ALL" to confirm whether you want to delete all the files
- Then press DEL key again to delete all the files
- To cancel delete function, just wait for LCD stops flashing and cancellation of delete function

■RAN: Press to play the tracks in a random order. Press again to cancel.

■FOLDER: Folder selection key and adjust the recording quality

- Select folder

Press FOLDER button, LCD screen display F, then REW or F. FWD button with the numbers 0 to 9 button to select the directory . Double-click the Cancel catalog select, LCD screen, "F" disappears

- Recording quality adjustment: Press FOLDER button more than 3 seconds can choose the recording quality. Press REW or F. FWD key to select 44.1 KHz, 128Kbps or 1 92Kbps

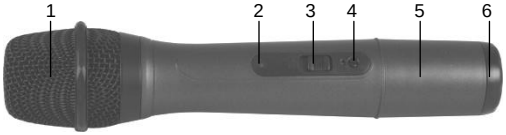
■PLAY/**II**: Play and pause, press to play, play again to pause

■MUTE: Press to mute, press again to back to normal playing

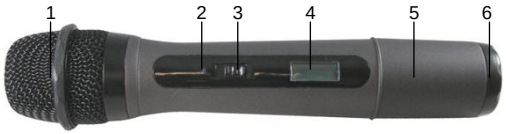
UHF handheld microphones

Parts and functions

SQ-1016/1016V
(UHF 16-freq.)



SQ-5016/6100/7100
(UHF LCD16/100/100-freq.)



Microphone parts and functions	SQ-1016	SQ-1016V	SQ-5016	SQ-6100	SQ-7100
Cartridge	1	1	1	1	1
Battery power LED	2	2	2	2	2
Power switch	3	3	3	3	7
Channel switch	4	4			
LCD			4	4	4
Battery compartment	5	5	5	5	5
Bottom cap	6	6	6	6	6
Locking button			7	7	
Audio mute switch					3
Setting button			8	8	8
Up button			9	9	9
Down button			10	10	10
Charging port	7	7	11	11	11
Volume control		8			
Battery used	AA *2				

Battery installation
Insert or replace the batteries according to the correct polarity after opening the compartment. Many batteries are known to have leakage problem of conductive and corrosive liquid. So please remove the batteries if they are not to be used for a long period.

Channel setting (SQ-1016/1016V)
Please use the attached small screw driver to set the channel.

Volume adjusting (SQ-1016V)
Please slide the wheel to adjust the volume.

Other settings (SQ-5016/6100/7100)

1. Channel setting

Use UP or DOWN button to go to the CHANNEL/ FREQUENCY page.
The cursor will flash to allow changes to be made. Pressing UP or DOWN button will increase or decrease the channel number. The corresponding frequency will change accordingly. When a desired channel is selected, it will be automatically saved and stored in the memory.

2. Making changes to Battery selection

Use UP or DOWN button to go to the Battery selection page.
Press UP or DOWN button to move the cursor to either NiMH (rechargeable battery) or AKLN (Alkaline battery) position.
When the desired battery has been selected, it will be automatically saved and stored in the memory.
Remark: NiMH battery must be selected when rechargeable battery is being used. Never select AKLN (Alkaline) when microphone is intended for charging as Alkaline battery can not be charged ! Wrong selection of battery will result in
battery sensing electronics to display wrong and misleading status information.

3. Making changes to Sensitivity Level

Use UP or DOWN button to go to the SENS SET page.
Press UP or DOWN button to increase or decrease the Sensitivity Level of the microphone.
The MAX level is 4 and the MIN level is 1.When a desired sensitivity level has been selected for your application, it will be automatically saved and stored in the Memory.
Remark: When selecting Sensitivity level, please bear in mind that Level 1 is for close proximity singing purposes whereas Level 4 is for use of microphone on tripod mount for speech purposes. When Level 4 setting is used for close proximity singing, high SPL input will result in undesirable distortion in the output.

After performing setting changes, you could turn the protective cover 180° in either direction to block the buttons from being accidentally adjusted.

UHF beltpack microphones

Parts and functions

SM-1016
(UHF 16-Freq.)

SM-5016/7100
(UHF LCD 16/100-Freq.)

Transmitter parts and functions	SM-1016	SM-5016/SM-7100
Antenna	1	2
Battery weak/audio mute indicator	2	3
Power switch	3	1
Mini XLR connector	4	5
Audio mute switch		4
LCD		8
Charging port		6
Cover release button	5	7
Charging contacts	9	9
Lavalier microphone	6	10
Setting button		11
Up button		14
Down button		15
Channel switch	11	
Gain control (GT, hign impedance)	12	12
Gain control (GT, hign impedance)	13	13
Battery used	AA *2	

Battery installation

Insert or replace the batteries according to the correct polarity after opening the compartment. Many batteries are known to have leakage problem of conductive and corrosive liquid. So please remove the batteries if they are not to be used for a long period.

Channel setting (SM-1016)
Please use the attached small screw driver to set the channel.
Gain control is an adjustable design that enables user to set different output levels. GT is for the use of instrument with high impedance, such as guitar while MT is for the use of low impedance such as lavalier or headset microphone.

Other settings (SM-5016/7100)

1. Channel setting

Use UP or DOWN button to go to the CHANNEL/ FREQUENCY page.
The cursor will flash to allow changes to be made. Pressing UP or DOWN button will increase or decrease the channel number. The corresponding frequency will change accordingly. When a desired channel is selected, it will be automatically saved and stored in the memory.

2. Making changes to Battery selection

Use UP or DOWN button to go to the Battery selection page.
Press UP or DOWN button to move the cursor to either NiMH (rechargeable battery) or AKLN (Alkaline battery) position.
When the desired battery has been selected, it will be automatically saved and stored in the memory.
Remark: NiMH battery must be selected when rechargeable battery is being used. Never select AKLN (Alkaline) when microphone is intended for charging as Alkaline battery cannot be charged! Wrong selection of battery will result in battery sensing electronics to display wrong and misleading status information.

Maintenance-free Lead Acid battery

Guidelines for maintenance-free Batteries:

1. Battery should operate at temperatures between 15°C ~ 50°C. To ensure a longer life span, it should be kept between 5°C ~ 35°C. For optimum result, 20°C ~ 25°C will be ideal. When temperature falls 15 degrees below zero, battery will undergo some changes in its chemical contents and therefore cannot be recharged. Operating the battery at higher temperature will result in higher capacity but shorter lifespan, whereas lower temperatures operation has a longer lifespan but less capacity.
2. If the battery is not recharged 72 hrs after it is completely used, it will be permanently damaged.
3. When the battery is being charged, the internal gases will be electrolyzed into water at the negative charge, maintaining the battery's storage abilities with no water added. However, erosion at the charged ends of the battery will cause poor performance.
4. The battery's cycle lifespan (no. of charge and discharge cycle) is determined by the degree at which power is dissipated., especially the degree of discharged each time it is used and the recovery charging method. For normal use, the battery can be used for longer hours when less power is dissipated each time and vice versa. At 25°C, maintenance-free batteries could be charged 150 ~ 200 times at 100% discharge each time.
5. Decrease in capacity, internal short circuit, deformation in appearance, erosion of charged ends and decrease in open circuit voltage are symbols indicating battery is approaching the end of its life cycle.
6. When two batteries are used in parallel connection, the resistance of the cables should be kept equal.

Properties of the Lead Acid Battery:

1. Has no memory effect. Can be charged at anytime, even when the recharge indication light is not on.
2. Performance and efficiency are affected by changes in the environment, especially temperature and humidity. (Best operated between 20°C ~ 25°C)
3. Battery discharge naturally according to a certain pattern even not in use. For best performance and a prolonged lifespan, it should be recharged every month even when not in use.
4. Under normal circumstances, battery could last for about a year.
5. When the battery's life expires, possible indicators include internal short-circuit, decrease in capacity, deformation in appearance, erosion of charged ends and decrease in operating voltage.

User's Precautions:

1. For first-time use, charge the battery for 10 hrs until it is fully charged.
2. To maintain performance and lifespan, if product has not been used for 3 months after the initial shipment, please fully charge the battery.
3. Before each use, it's advisable to charge the battery to its full capacity.
4. The average lifespan of the battery is one year. The user is advised to change the battery after one year of use.
5. The current consumption is in direct ratio with load current. The more current consumption, the less the operation time.

CHIAYO

CHIAYO ELECTRONICS CO.,LTD.

Http://www.chiayo.com.tw Email: sales@chiayo.com.tw
Office: 30, Lane 27, Section 4, Jen-Ai Road, Taipei 10685, Taiwan / Tel: 886-2-27415741 / Fax: 886-2-27525242
Factory: 88, Chung-Hsiao Street 2, Chiayi 60080, Taiwan / Tel: 886-5-2711000 / Fax: 886-5-5767611